

PCT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

10/517258

Katsuhiro NAKAI et al.

Mail Stop: PCT

Serial No. 10/517,258

Attorney Docket No. 2004_1946A

Filed December 7, 2004

SEMICONDUCTOR INTEGRATED CIRCUIT
DEVICE, DATA STORAGE VERIFICATION
DEVICE, AND DATA STORAGE
VERIFICATION METHOD

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

[Corresponding to PCT/JP03/07541
Filed June 13, 2003]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

- a. ☒ a full or partial English language translation submitted herewith,
- b. ☒ an International Search Report (in the English language) submitted herewith,
- c. ☐ the concise explanation contained in the specification of the present application at page,
- d. ☒ the concise explanation set forth in the attached English language abstract,
- e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:

Japanese Published Patent Application No. 62-67800 corresponds to U.S. Patent No. 4,777,586 and U.S. Patent No. 4,905,142.

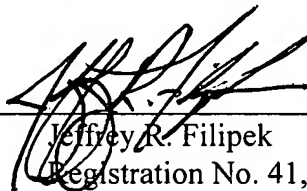
Japanese Published Patent Application No. 63-240629 corresponds to U.S. Patent No. 5,224,160.

5. ☒ An International Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Katsuhiro NAKAI et al.

By



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February 10, 2005

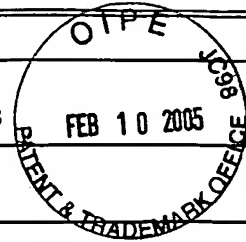
FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: February 10, 2005

ATTY DOCKET NO.
2004_1946ASERIAL NO.
10/517,258APPLICANT
Katsuhiro NAKAI et al.FILING DATE
December 7, 2004

GROUP



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,777,586	10-11-88	Matsubara et al.			
	AB	4,905,142	2-27-90	Matsubara et al.			
	AC	5,224,160	6-29-93	Paulini et al.			
	AD						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AE	5-324484	12-7-93	Japan			abstract	
	AF	5-66937	3-19-93	Japan			abstract	
	AG	2000-148502	5-30-00	Japan			abstract	
	AH	10-11279	1-16-98	Japan			abstract	
	AI	62-67800	3-27-87	Japan				x
	AJ	63-186330	8-1-88	Japan			abstract	
	AK	7-105169	4-21-95	Japan			abstract	
	AL	11-282756	10-15-99	Japan			partial	
	AM	63-240629	10-6-88	Japan				x
	AN	6-259242	9-16-94	Japan			abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

DATE CONSIDERED